

XTRA ENERGY CORP.

WELL# 37

ELEV. 58' K.B.

SURVEY BY EASTMAN

TYPE SINGLE SHOT LAMB. COORD. N 4 041 512 E 4 205 567

MAG. DEC. 14 DEGREES

T.H.E. DIRECTIONAL DRILLING COMPANY

DIST. CARSON

LEASE WILMINGTON

RADIUS OF CURVATURE

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1/5/83

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.

THE VERTICAL SECTION WAS COMPUTED ALONG N 77 04' E

BASED UPON RADIUS OF CURVATURE TYPE CALCULATIONS.

THE BOTTOM HOLE DISPLACEMENT IS 2675.9 FEET IN THE DIRECTION OF N 76 13' E.

BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELL HEAD.

VERTICAL SECTION IS RELATIVE TO WELL HEAD.